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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,300	01/23/2004	Gregory A. Vogt	NOR197/02410A	8270
24118	7590	09/17/2007	EXAMINER	
HEAD, JOHNSON & KACHIGIAN			FRANTZ, JESSICA L	
228 W 17TH PLACE			ART UNIT	PAPER NUMBER
TULSA, OK 74119			3746	
MAIL DATE		DELIVERY MODE		
09/17/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Interview Summary	Application No.	Applicant(s)	
	10/764,300	VOGT ET AL.	
	Examiner Jessica L. Frantz	Art Unit 3746	

All participants (applicant, applicant's representative, PTO personnel):

(1) Jessica L. Frantz.

(3) Cassandra Wilkinson.

(2) Mark Kachingian.

(4) Anthony Stashick (SPE).

Date of Interview: 9/10/2007.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.

If Yes, brief description: _____.

Claim(s) discussed: 1.

Identification of prior art discussed: Kaiser (CA 2,232,925) and Hori et al. (5,549,336).

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed "roughness" issue as claimed in newly amended claims. Agreed that the current language used to describe the "roughness" would read over the prior art of record. Also discussed space between the secondary stop and the tip of the pin. Examiner pointed out that she did not agree with previous examiner's suggestion of "teaching away." Examiner also brought light to a few nominal deficiencies in the drawings and specification.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

ANTHONY D. STASHICK
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700

Examiner Note: You must sign this form unless it is an
Attachment to a signed Office action.

Jessica L. Frantz
Examiner's signature, if required